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Cumulative Michigan COVID-19 Data

Michigan COVID-19 State Data

10-20-2021

2021-10-20_MichiganOverview_COVIDstats

Michigan Department of Health & Human Services

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Michigan Data

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Cumulative
Recovered

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Reporting

School-Related
Outbreak
Reporting

Wastewater
Surveillance

Testing
Turnaround
Time

MIS-C Data
and Reporting

Data and
Modeling
Updates

COVID case and testing data will be posted three times a week on Mondays, Wednesdays and Fridays.

Note on cases (10/20/2021): Today's daily case count represents new referrals of confirmed cases to the MDSS since the last web update report. Over the two days (Tuesday and Wednesday), the average number of new confirmed cases is 3554 per day.

Note on deaths (10/20/2021): Regular reviews of death certificate data maintained in Vital Records reporting systems are conducted by MDHHS staff three times per week. As a part of this process, records that identify COVID-19 infection as a contributing factor to death are compared against all laboratory confirmed cases of COVID-19 in the Michigan Disease Surveillance System (MDSS). If a death certificate is matched to a confirmed COVID-19 case and that record in the MDSS does not indicate the individual died, the MDSS record is updated to indicate the death and the appropriate local health department is notified. These matched deaths are then included with mortality information posted to the Michigan Coronavirus website. As a result of the most recent assessment, today's data includes **78** additional deaths identified by this methodology.

The State of Michigan is working around the clock to test and treat COVID-19 patients. Below is the most recent data healthcare experts across the state have compiled. It is updated Monday, Wednesday & Friday. **Looking for COVID-19 Vaccine data? Click here.**

CURRENT STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

CONFIRMATORY TESTING

LEARN MORE

View Cases

View Deaths

View Table

Select Preparedness Region:

All

Select County:

All

This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Cases by County

Confirmed cases include individuals with a positive NAAT/RT-PCR test for COVID-19. Probable cases include individuals with either a positive rapid antigen detection test OR COVID-19 symptoms and an epidemiologic link to a confirmed COVID-19 case, but no diagnostic test.

Cases by County

38-1109

1110-3926

3927-14493

14494-143459

143460+

Michigan

Wednesday, October 20, 2021

Current Totals

Laboratory Testing

TestType	Tests Performed
Diagnostic	17,070,342
Serology	711,728
Total	17,782,070

Microsoft Power BI

< 1 of 7 >

https://www.michigan.gov/coronavirus/0,9753,7-406-98163_98173---,00.html

1/2

Cases by Hispanic/Latino Ethnicity

Hispanic/Latino Ethnicity	Percentage of Confirmed Cases by Ethnicity	Percentage of Confirmed Deceased Cases by Ethnicity
Hispanic/Latino	5.17%	3.24%
Non-Hispanic/Latino	70.63%	88.57%
Unknown	24.19%	8.19%

Totals may not add to 100% due to rounding

Cases by Arab Ethnicity

Arab Ethnicity	Percentage of Confirmed Cases by Ethnicity	Percentage of Deceased Confirmed Cases by Ethnicity
Arab	2.63%	1.66%
Non-Arab	49.09%	53.45%
Unknown	48.28%	44.88%

Totals may not add to 100% due to rounding

PUBLIC USE DATASETS 10/20/2021

(Downloadable .xlsx files)

Cases and Deaths by County

Cases and Deaths by County by Date of Onset of Symptoms and Date of Death

Cases by Demographics Statewide

COVID-19 Tests by County

Diagnostic Tests by Result and County



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ADA
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Cumulative Total of Recovered COVID-19 Cases

Cumulative Total of Recovered COVID-19 Cases (as of 10/15/2021): 962,955

During this response, MDHHS is reviewing vital records statistics to identify any laboratory confirmed COVID-19 cases who are 30 days out from their onset of illness to represent recovery status. As the pandemic continues to impact Michigan, this pool will expand to include more cases. Recovered is defined as the number of persons with a confirmed COVID-19 diagnosis who are alive 30 days post-onset (or referral date if onset is not available). The number of persons recovered on October 15, 2021 represents COVID-19 confirmed individuals with an onset date on or prior to September 15, 2021. If an individual expires from a COVID-related cause >30 days from onset/referral, they are removed from the number of persons recovered. These numbers will be updated every Monday.

Source: Michigan Disease Surveillance System and Vital Records

[View Cases](#)[View Deaths](#)[View Table](#)

Select Preparedness Region:

All

Select County:

All

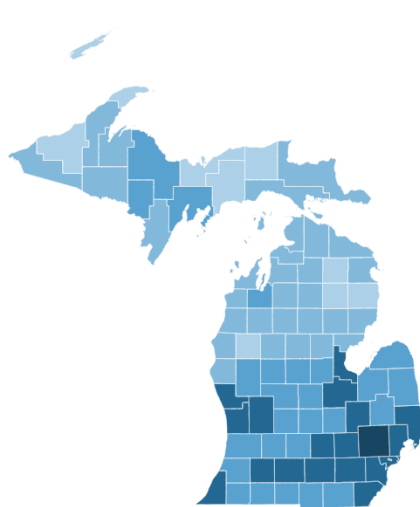
This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Cases by County

Confirmed cases include individuals with a positive NAAT/RT-PCR test for COVID-19. Probable cases include individuals with either a positive rapid antigen detection test OR COVID-19 symptoms and an epidemiologic link to a confirmed COVID-19 case, but no diagnostic test.

Cases by County



- 38-1109
- 1110-3926
- 3927-14493
- 14494-143459
- 143460+

Michigan

Wednesday, October 20, 2021

Michigan (Statewide) Case Fatality Rate

2.0%

Current Totals

Case Status	Cases	Deaths
Confirmed	1,097,129	21,744
Probable	140,716	1,429
Total	1,237,845	23,173

Laboratory Testing

TestType	Tests Performed
Diagnostic	17,070,342
Serology	711,728
Total	17,782,070

[View Cases](#)[View Deaths](#)[View Table](#)

Select Preparedness Region:

All

Select County:

All

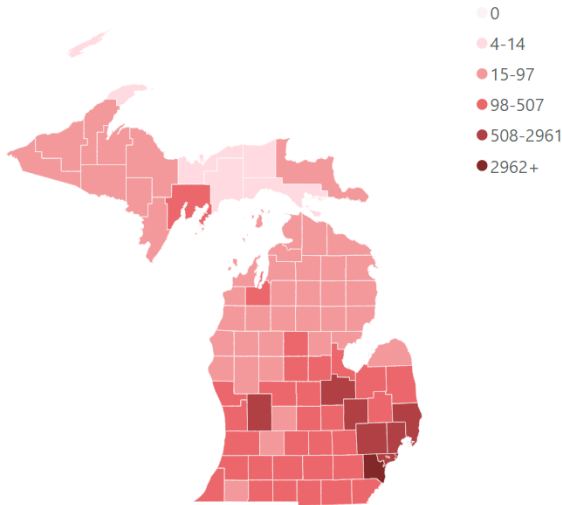
This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Deaths by County

Confirmed deaths include individuals who had a confirmed COVID-19 infection AND are either classified as deceased during the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Probable deaths include individuals who have COVID-19 indicated on their death certificate where there is no available evidence of a confirmatory test result (positive or negative).

Deaths by County



Michigan

Wednesday, October 20, 2021

Michigan (Statewide) Case Fatality Rate

2.0%

Current Totals

Case Status	Cases	Deaths
Confirmed	1,097,129	21,744
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Laboratory Testing

TestType	Tests Performed
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Serology	711,728
Total	17,782,070

Cases

Deaths

View Table

Select Preparedness Region:

All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

Daily Cases by Status

The number of daily confirmed cases represent the total number of people who had a positive NAAT/RT-PCR test for COVID-19. Cases are shown by the date of onset of symptoms.

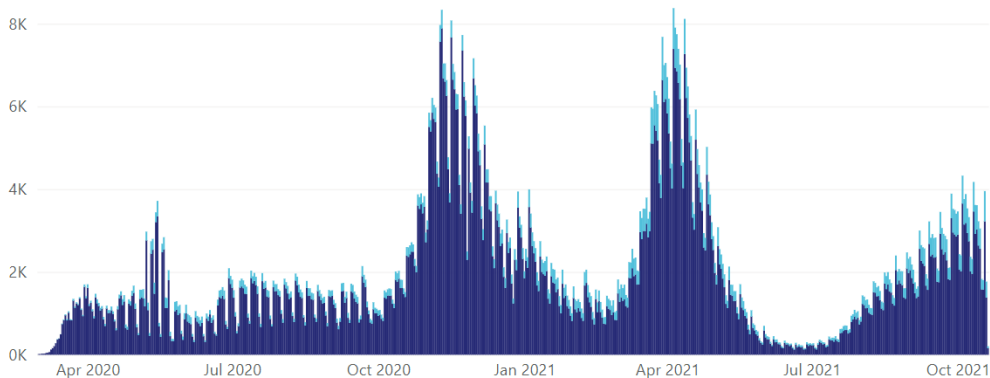
Filter by Date:

3/1/2020

10/20/2021

Cases by Date of Onset

CASE_STATUS ● Confirmed ● Probable



Cases

Deaths

View Table

Select Preparedness Region:

All



Select County:

All



Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

Daily Deaths by Status

Confirmed deaths include individuals who had a confirmed COVID-19 infection and are classified as deceased by the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Data are shown by the date of death.

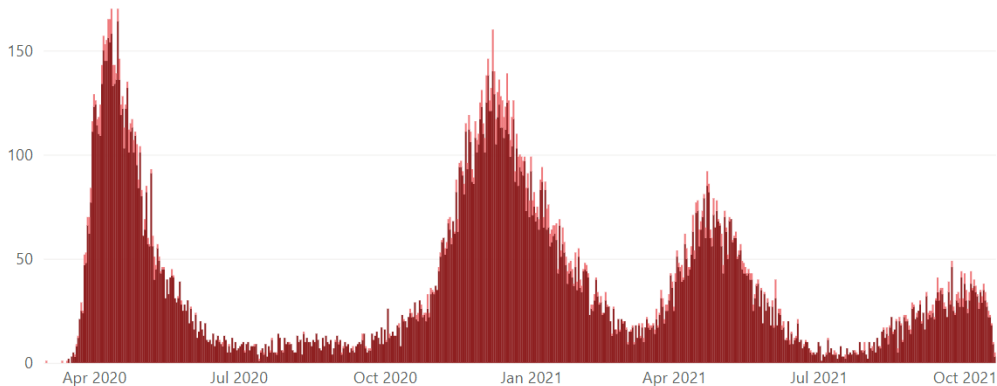
Filter by Date:

3/1/2020

10/20/2021

Deaths by Date of Death

CASE_STATUS ● Confirmed ● Probable





STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

CONFIRMATORY
TESTING

LEARN MORE

View Table

View Chart

Select Preparedness Region:

All



Select County:

All



Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore these data are not displayed by date.

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

Cumulative Confirmed Cases and Deaths among Confirmed Cases

Cumulative cases represent the total number of people who had a positive NAAT/RT-PCR test for COVID-19. Cases are shown by the date of onset of symptoms. Cumulative Deaths represent the total number of people who had a confirmed COVID-19 infection AND are either classified as deceased during the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of onset and their manner of death is listed as natural. Deaths are shown by date of death.

Filter By Date:

3/1/2020

10/20/2021

Cumulative Confirmed Cases and Deaths among Confirmed Cases by Date

● Cumulative Cases ● Cumulative Deaths

1.0M

0.8M

0.6M

0.4M

0.2M

0.0M

Apr 2020

Jul 2020

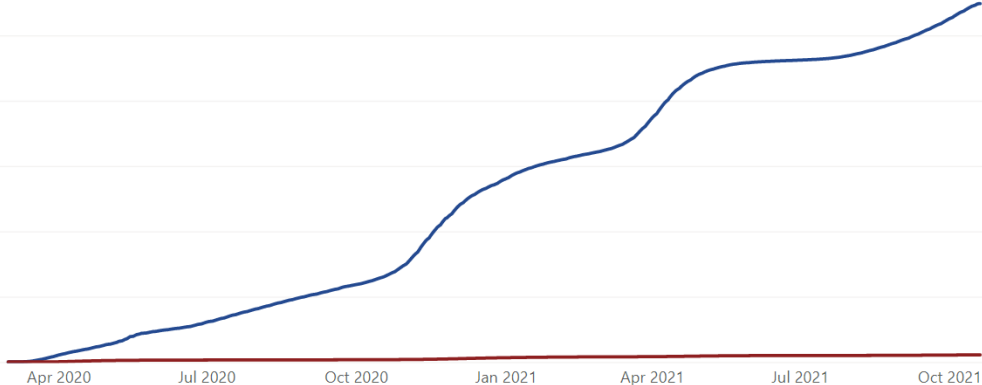
Oct 2020

Jan 2021

Apr 2021

Jul 2021

Oct 2021



Cases by Demographic Characteristics

Data are suppressed when the number of cases is five or below to protect the confidentiality of individuals. The sum of the cases for individual categories may be fewer than the total number of cases due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☒ Confirmed
☐ Probable

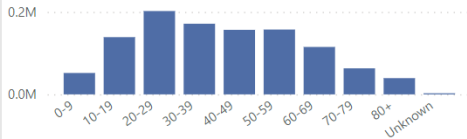
Select Preparedness Region:

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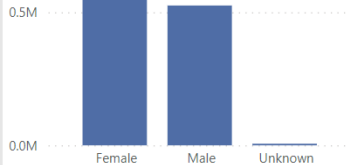
Select county:

All

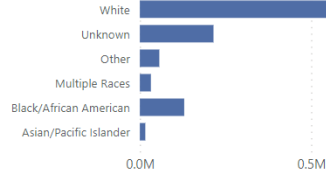
Cases by Age Group



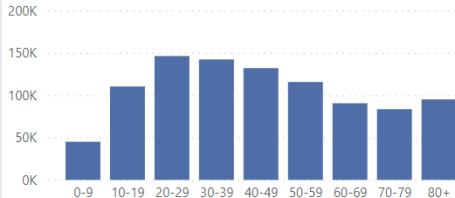
Cases by Sex



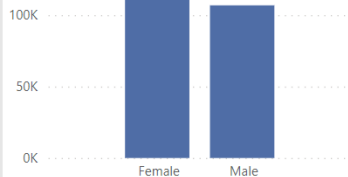
Cases by Race



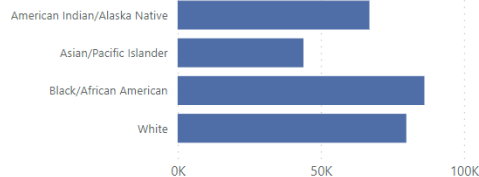
Cases per Million by Age Group



Cases per Million by Sex



Cases per Million by Race



Cases by Demographic Characteristics

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Cases

Deaths

Select case status:

- ☐ Confirmed
☒ Probable

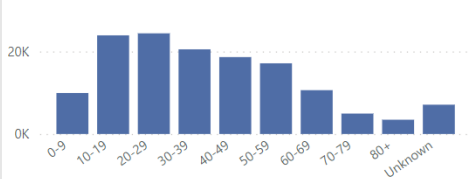
Select Preparedness Region:

All

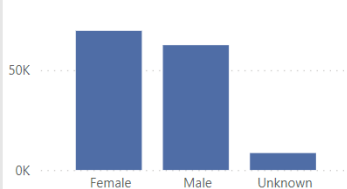
Select county:

All

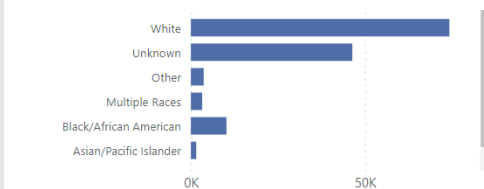
Cases by Age Group



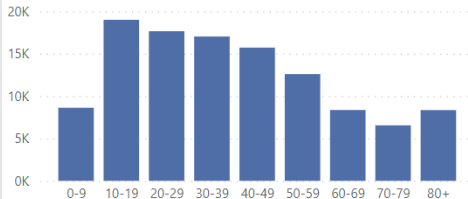
Cases by Sex



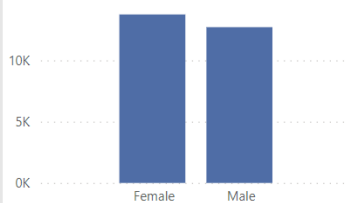
Cases by Race



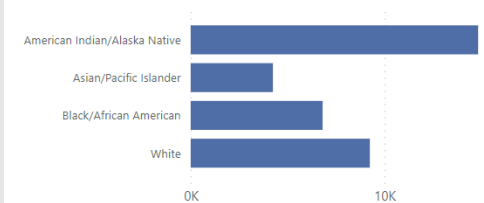
Cases per Million by Age Group



Cases per Million by Sex



Cases per Million by Race



Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☒ Confirmed
☐ Probable

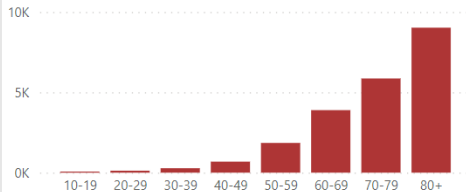
Select Preparedness Region:

All

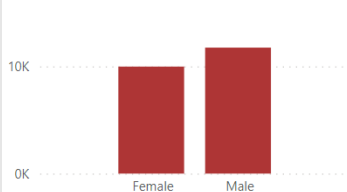
Select county:

All

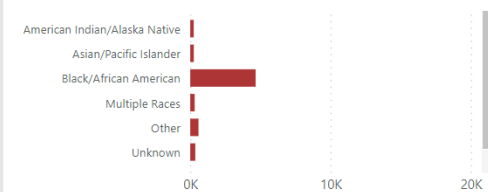
Deaths by Age Group



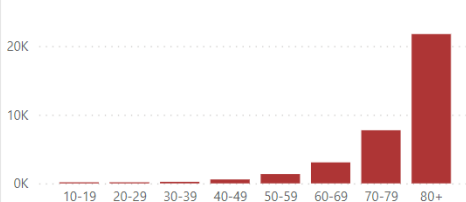
Deaths by Sex



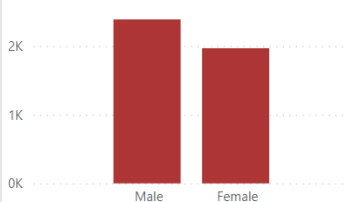
Deaths by Race



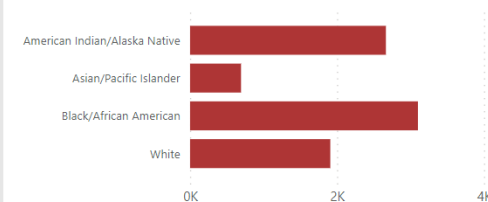
Deaths per Million by Age Group



Deaths per Million by Sex



Deaths per Million by Race



Deaths by Demographic Characteristics

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Cases

Deaths

Select case status:

- ☐ Confirmed
☒ Probable

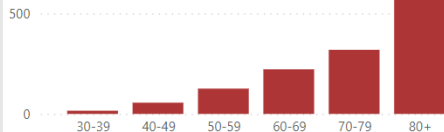
Select Preparedness Region:

All

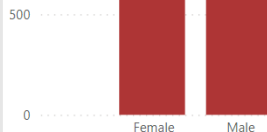
Select county:

All

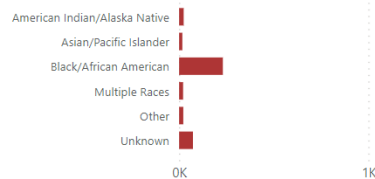
Deaths by Age Group



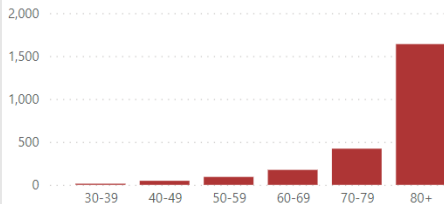
Deaths by Sex



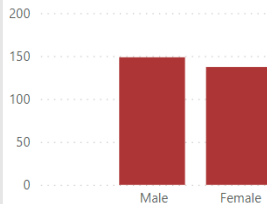
Deaths by Race



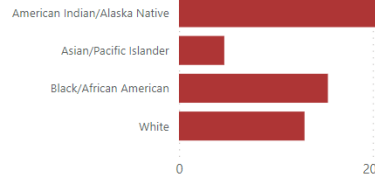
Deaths per Million by Age Group



Deaths per Million by Sex



Deaths per Million by Race



[View Table](#)[View Charts](#)

Select Preparedness Region:

All

Select County:

All

Confirmatory tests are used to find current infection and look for genes from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAA/RT-PCR) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Total Covid-19 Laboratory Tests

Total testing includes both confirmatory tests which are used to determine if an individual currently has COVID-19 and serology testing which is used to determine if a person has antibodies to COVID-19.

Filter by Date:

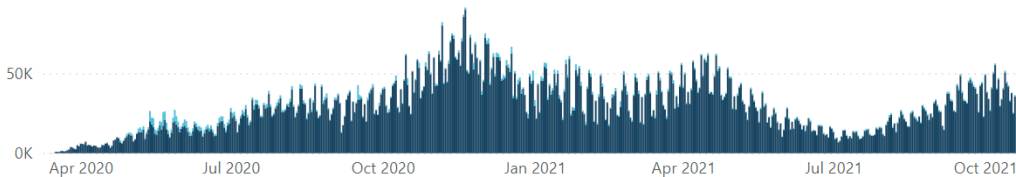
3/10/2020

10/19/2021

Total Laboratory Tests by Type and Date

Test Type ● Diagnostic ● Serology

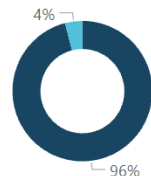
100K



Total Tests Completed to Date

Test Type	Total Tests	Tests per Million Residents
Diagnostic	17,070,342	1,708,550
Serology	711,728	71,236
Total	17,782,070	1,779,786

Percent of Tests Completed by Type



Test Type

● Diagnostic

● Serology



STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

CONFIRMATORY
TESTING

LEARN MORE

View Table

View Charts

Select Preparedness Region

All



Select County

All



Confirmatory tests are used to find current infection and look for genes from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) tests. Confirmatory tests do not include serology tests which look for antibodies to SARS-Cov-2 in the blood.

Confirmatory Covid-19 Laboratory Tests

Confirmatory tests are used to determine if an individual is currently infected with COVID-19.

Filter by Date

3/10/2020

10/19/2021

Total Laboratory Tests by Type and Date

Test Type ● Negative ● Positive

100K

50K

0K

Apr 2020

Jul 2020

Oct 2020

Jan 2021

Apr 2021

Jul 2021

Oct 2021

Percent of Confirmatory Tests That Were Positive

Positivity
60%
40%
20%
0%

Apr 2020

Jul 2020

Oct 2020

Jan 2021

Apr 2021

Jul 2021

Oct 2021

Where does the data come from?

The State of Michigan COVID-19 Dashboard displays the most recent provisional data reported to the Michigan Department of Health and Humans Services (MDHHS) about cases in Michigan by selected demographics and county of residence (City of Detroit and Wayne County are reported separately). Data are reported to MDHHS via the [Michigan Disease Surveillance System \(MDSS\)](#). Provisional Death data are provided by the MDHHS Division for [Vital Records & Health Statistics](#).

How does MDHHS classify confirmed and probable cases?

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19. Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

How does MDHHS classify confirmed and probable deaths?

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'. Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

Why do the number of probable cases fluctuate?

The number of probable cases can change daily based on the investigation efforts of the health department. When a probable case is first reported, local and/or state health department staff investigate to determine if the person meets the case definition of probable. As additional information is gathered, the case could be re-classified to confirmed, remain as probable, or be determined as not a case.

Why do data in the demographics tab not sum to the total number of cases for a county or region?

Data are not shown whenever the number of cases for a particular demographic category is fewer than six to protect the confidentiality of individuals. Rates are not calculated for other, multiple, and unknown race because an appropriate population denominator is not available for these categories at the county level.

Where can I get more information about COVID-19?

Visit <https://www.michigan.gov/coronavirus> to find information on resources and assistance, answers to frequently asked questions, and the latest updates on Michigan's response to COVID-19. For COVID-19 updates from CDC visit <https://www.cdc.gov/coronavirus/2019-ncov>.

PUBLIC USE DATASETS

Cases and Deaths by County

README

Includes total cases and deaths to date by case status (confirmed or probable) and county. County is based on the county of residence.

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

CASES AND DEATHS BY COUNTY 2021-10-20

Updated	COUNTY	ConfirmedCases	ConfirmedDeaths	ProbableCases	ProbableDeaths
2021/10/20 13:16:28	Alcona	823	35	244	6
2021/10/20 13:16:28	Alger	544	3	294	5
2021/10/20 13:16:28	Allegan	12905	160	1486	25
2021/10/20 13:16:28	Alpena	2326	67	706	3
2021/10/20 13:16:28	Antrim	1814	31	495	6
2021/10/20 13:16:28	Arenac	1583	33	164	0
2021/10/20 13:16:28	Baraga	956	44	154	2
2021/10/20 13:16:28	Barry	6825	75	787	6
2021/10/20 13:16:28	Bay	13470	370	1024	15
2021/10/20 13:16:28	Benzie	1325	38	291	1
2021/10/20 13:16:28	Berrien	16889	308	2077	21
2021/10/20 13:16:28	Branch	5762	105	568	5
2021/10/20 13:16:28	Calhoun	15662	329	2774	18
2021/10/20 13:16:28	Cass	6085	83	914	6
2021/10/20 13:16:28	Charlevoix	1840	29	625	2
2021/10/20 13:16:28	Cheboygan	2114	60	669	3
2021/10/20 13:16:28	Chippewa	1525	39	2162	8
2021/10/20 13:16:28	Clare	3074	96	594	2
2021/10/20 13:16:28	Clinton	7242	99	2566	7
2021/10/20 13:16:28	Crawford	1153	16	146	0
2021/10/20 13:16:28	Delta	4649	84	1008	19
2021/10/20 13:16:28	Dickinson	3016	64	911	16
2021/10/20 13:16:28	Eaton	11112	227	1793	10
2021/10/20 13:16:28	Emmet	2605	48	743	1
2021/10/20 13:16:28	Genesee	39935	996	11054	78
2021/10/20 13:16:28	Gladwin	2662	66	533	4
2021/10/20 13:16:28	Gogebic	1387	24	409	29
2021/10/20 13:16:28	Grand Traverse	7368	101	1325	17
2021/10/20 13:16:28	Gratiot	4276	121	1320	4
2021/10/20 13:16:28	Hillsdale	5495	115	572	4
2021/10/20 13:16:28	Houghton	3218	45	686	10
2021/10/20 13:16:28	Huron	3580	83	1149	6
2021/10/20 13:16:28	Ingham	27182	440	3262	11
2021/10/20 13:16:28	Ionia	8385	88	170	3
2021/10/20 13:16:28	Iosco	2602	86	305	6
2021/10/20 13:16:28	Iron	1284	45	116	10
2021/10/20 13:16:28	Isabella	7380	107	1363	6
2021/10/20 13:16:28	Jackson	18347	315	1831	10
2021/10/20 13:16:28	Kalamazoo	25649	399	3433	47
2021/10/20 13:16:28	Kalkaska	1582	37	148	0
2021/10/20 13:16:28	Kent	84717	893	6783	81
2021/10/20 13:16:28	Keweenaw	208	3	34	1
2021/10/20 13:16:28	Lake	842	18	88	2
2021/10/20 13:16:28	Lapeer	9511	236	1875	4
2021/10/20 13:16:28	Leelanau	1301	23	294	1
2021/10/20 13:16:28	Lenawee	11346	187	1374	5

2021/10/20 13:16:28	Livingston	19470	221	3101	14
2021/10/20 13:16:28	Luce	331	4	374	1
2021/10/20 13:16:28	Mackinac	832	7	415	1
2021/10/20 13:16:28	Macomb	109028	2515	10212	140
2021/10/20 13:16:28	Manistee	1486	29	201	4
2021/10/20 13:16:28	Marquette	5705	75	1252	2
2021/10/20 13:16:28	Mason	2858	44	177	1
2021/10/20 13:16:28	Mecosta	4313	43	241	1
2021/10/20 13:16:28	Menominee	2509	45	764	5
2021/10/20 13:16:28	Midland	9236	122	836	6
2021/10/20 13:16:28	Missaukee	1495	25	311	12
2021/10/20 13:16:28	Monroe	16401	272	3625	27
2021/10/20 13:16:28	Montcalm	7500	121	890	3
2021/10/20 13:16:28	Montmorency	693	25	195	1
2021/10/20 13:16:28	Muskegon	19968	401	843	13
2021/10/20 13:16:28	Newaygo	5994	78	440	3
2021/10/20 13:16:28	Oakland	124090	2493	19371	160
2021/10/20 13:16:28	Oceana	3412	64	193	5
2021/10/20 13:16:28	Ogemaw	2233	56	431	1
2021/10/20 13:16:28	Ontonagon	534	21	66	1
2021/10/20 13:16:28	Osceola	2564	38	377	0
2021/10/20 13:16:28	Oscoda	765	32	158	2
2021/10/20 13:16:28	Otsego	2507	47	651	6
2021/10/20 13:16:28	Ottawa	37305	441	3237	56
2021/10/20 13:16:28	Presque Isle	1058	35	281	1
2021/10/20 13:16:28	Roscommon	2022	61	395	2
2021/10/20 13:16:28	Saginaw	24779	641	1924	21
2021/10/20 13:16:28	Sanilac	4228	126	654	8
2021/10/20 13:16:28	Schoolcraft	578	4	201	1
2021/10/20 13:16:28	Shiawassee	7199	123	1268	3
2021/10/20 13:16:28	St Clair	18152	483	3799	26
2021/10/20 13:16:28	St Joseph	7288	111	935	7
2021/10/20 13:16:28	Tuscola	6118	179	1122	14
2021/10/20 13:16:28	Van Buren	8456	145	612	15
2021/10/20 13:16:28	Washtenaw	29399	317	3346	7
2021/10/20 13:16:28	Wayne	121540	2787	9817	175
2021/10/20 13:16:28	Wexford	3062	47	502	4
2021/10/20 13:16:28	MDOC	25985	149	1243	3
2021/10/20 13:16:28	FCI	316	5	5	0
2021/10/20 13:16:28	Out-of-State	2153	19	186	3
2021/10/20 13:16:28	Unknown	13	0	26	0
2021/10/20 13:16:28	Detroit City	59998	2422	4720	148

PUBLIC USE DATASETS

Cases by Demographics Statewide

README

Includes the total number of confirmed and probable cases and confirmed and probable deaths to date by demographic characteristics

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

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The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

Data is suppressed when the number of cases or deaths in a single category is between one and five to protect the confidentiality of individuals.

CASES BY DEMOGRAPHICS STATEWIDE 2021-10-20

CASE_STATUS	AgeCat	RaceCat	SEX	Cases	Deaths
Confirmed	0-9	American Indian/Alaska Native	Female	234	0
Confirmed	10-19	American Indian/Alaska Native	Female	479	0
Confirmed	20-29	American Indian/Alaska Native	Female	638	0
Confirmed	30-39	American Indian/Alaska Native	Female	555	Suppressed
Confirmed	40-49	American Indian/Alaska Native	Female	476	7
Confirmed	50-59	American Indian/Alaska Native	Female	436	17
Confirmed	60-69	American Indian/Alaska Native	Female	291	21
Confirmed	70-79	American Indian/Alaska Native	Female	144	32
Confirmed	80+	American Indian/Alaska Native	Female	81	34
Confirmed	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Confirmed	0-9	Asian/Pacific Islander	Female	399	0
Confirmed	10-19	Asian/Pacific Islander	Female	1048	0
Confirmed	20-29	Asian/Pacific Islander	Female	1723	0
Confirmed	30-39	Asian/Pacific Islander	Female	1553	6
Confirmed	40-49	Asian/Pacific Islander	Female	1313	Suppressed
Confirmed	50-59	Asian/Pacific Islander	Female	1040	9
Confirmed	60-69	Asian/Pacific Islander	Female	535	16
Confirmed	70-79	Asian/Pacific Islander	Female	277	31
Confirmed	80+	Asian/Pacific Islander	Female	157	40
Confirmed	Unknown	Asian/Pacific Islander	Female	Suppressed	0
Confirmed	0-9	Black/African American	Female	3553	Suppressed
Confirmed	10-19	Black/African American	Female	7361	Suppressed
Confirmed	20-29	Black/African American	Female	13912	22
Confirmed	30-39	Black/African American	Female	12524	44
Confirmed	40-49	Black/African American	Female	9690	95
Confirmed	50-59	Black/African American	Female	8064	250
Confirmed	60-69	Black/African American	Female	6190	503
Confirmed	70-79	Black/African American	Female	3411	592
Confirmed	80+	Black/African American	Female	2177	728
Confirmed	Unknown	Black/African American	Female	23	0
Confirmed	0-9	Multiple Races	Female	996	0
Confirmed	10-19	Multiple Races	Female	2719	Suppressed
Confirmed	20-29	Multiple Races	Female	3258	0
Confirmed	30-39	Multiple Races	Female	2399	0
Confirmed	40-49	Multiple Races	Female	2312	Suppressed
Confirmed	50-59	Multiple Races	Female	2331	10
Confirmed	60-69	Multiple Races	Female	1704	21
Confirmed	70-79	Multiple Races	Female	930	34
Confirmed	80+	Multiple Races	Female	580	71
Confirmed	Unknown	Multiple Races	Female	13	0
Confirmed	0-9	Other	Female	1890	Suppressed
Confirmed	10-19	Other	Female	4072	Suppressed
Confirmed	20-29	Other	Female	5932	Suppressed
Confirmed	30-39	Other	Female	4651	Suppressed
Confirmed	40-49	Other	Female	4206	12
Confirmed	50-59	Other	Female	3283	24
Confirmed	60-69	Other	Female	2058	53

Confirmed	70-79	Other	Female	1007	54
Confirmed	80+	Other	Female	655	96
Confirmed	Unknown	Other	Female	18	0
Confirmed	0-9	Unknown	Female	3915	0
Confirmed	10-19	Unknown	Female	12734	0
Confirmed	20-29	Unknown	Female	20887	Suppressed
Confirmed	30-39	Unknown	Female	17553	Suppressed
Confirmed	40-49	Unknown	Female	17012	7
Confirmed	50-59	Unknown	Female	17135	12
Confirmed	60-69	Unknown	Female	10270	19
Confirmed	70-79	Unknown	Female	4636	37
Confirmed	80+	Unknown	Female	2856	85
Confirmed	Unknown	Unknown	Female	152	0
Confirmed	0-9	White	Female	14091	Suppressed
Confirmed	10-19	White	Female	42739	Suppressed
Confirmed	20-29	White	Female	59638	27
Confirmed	30-39	White	Female	49780	53
Confirmed	40-49	White	Female	45850	134
Confirmed	50-59	White	Female	46884	391
Confirmed	60-69	White	Female	36579	912
Confirmed	70-79	White	Female	22029	1647
Confirmed	80+	White	Female	17020	3808
Confirmed	Unknown	White	Female	145	0
Confirmed	0-9	American Indian/Alaska Native	Male	204	0
Confirmed	10-19	American Indian/Alaska Native	Male	481	0
Confirmed	20-29	American Indian/Alaska Native	Male	527	Suppressed
Confirmed	30-39	American Indian/Alaska Native	Male	445	Suppressed
Confirmed	40-49	American Indian/Alaska Native	Male	397	Suppressed
Confirmed	50-59	American Indian/Alaska Native	Male	334	12
Confirmed	60-69	American Indian/Alaska Native	Male	273	53
Confirmed	70-79	American Indian/Alaska Native	Male	136	36
Confirmed	80+	American Indian/Alaska Native	Male	55	24
Confirmed	Unknown	American Indian/Alaska Native	Male	0	0
Confirmed	0-9	Asian/Pacific Islander	Male	476	0
Confirmed	10-19	Asian/Pacific Islander	Male	1029	0
Confirmed	20-29	Asian/Pacific Islander	Male	1921	Suppressed
Confirmed	30-39	Asian/Pacific Islander	Male	1446	Suppressed
Confirmed	40-49	Asian/Pacific Islander	Male	1121	7
Confirmed	50-59	Asian/Pacific Islander	Male	947	10
Confirmed	60-69	Asian/Pacific Islander	Male	558	33
Confirmed	70-79	Asian/Pacific Islander	Male	256	52
Confirmed	80+	Asian/Pacific Islander	Male	129	39
Confirmed	Unknown	Asian/Pacific Islander	Male	Suppressed	0
Confirmed	0-9	Black/African American	Male	3657	0
Confirmed	10-19	Black/African American	Male	6626	Suppressed
Confirmed	20-29	Black/African American	Male	12033	28
Confirmed	30-39	Black/African American	Male	11418	60
Confirmed	40-49	Black/African American	Male	9518	150
Confirmed	50-59	Black/African American	Male	8533	361
Confirmed	60-69	Black/African American	Male	5990	611

Confirmed	70-79	Black/African American	Male	2998	716
Confirmed	80+	Black/African American	Male	1234	490
Confirmed	Unknown	Black/African American	Male	11	0
Confirmed	0-9	Multiple Races	Male	1101	Suppressed
Confirmed	10-19	Multiple Races	Male	2604	Suppressed
Confirmed	20-29	Multiple Races	Male	2744	Suppressed
Confirmed	30-39	Multiple Races	Male	1947	Suppressed
Confirmed	40-49	Multiple Races	Male	1870	8
Confirmed	50-59	Multiple Races	Male	1843	13
Confirmed	60-69	Multiple Races	Male	1556	42
Confirmed	70-79	Multiple Races	Male	837	43
Confirmed	80+	Multiple Races	Male	355	60
Confirmed	Unknown	Multiple Races	Male	10	0
Confirmed	0-9	Other	Male	1937	Suppressed
Confirmed	10-19	Other	Male	4113	Suppressed
Confirmed	20-29	Other	Male	5967	Suppressed
Confirmed	30-39	Other	Male	4834	6
Confirmed	40-49	Other	Male	4493	30
Confirmed	50-59	Other	Male	3676	42
Confirmed	60-69	Other	Male	2171	90
Confirmed	70-79	Other	Male	951	85
Confirmed	80+	Other	Male	412	82
Confirmed	Unknown	Other	Male	16	0
Confirmed	0-9	Unknown	Male	4117	0
Confirmed	10-19	Unknown	Male	11959	Suppressed
Confirmed	20-29	Unknown	Male	21285	Suppressed
Confirmed	30-39	Unknown	Male	18140	11
Confirmed	40-49	Unknown	Male	16329	11
Confirmed	50-59	Unknown	Male	16872	25
Confirmed	60-69	Unknown	Male	9959	35
Confirmed	70-79	Unknown	Male	3850	37
Confirmed	80+	Unknown	Male	1688	72
Confirmed	Unknown	Unknown	Male	181	0
Confirmed	0-9	White	Male	15087	0
Confirmed	10-19	White	Male	40167	Suppressed
Confirmed	20-29	White	Male	50517	37
Confirmed	30-39	White	Male	43213	80
Confirmed	40-49	White	Male	41058	211
Confirmed	50-59	White	Male	45140	675
Confirmed	60-69	White	Male	36455	1483
Confirmed	70-79	White	Male	21564	2466
Confirmed	80+	White	Male	11909	3396
Confirmed	Unknown	White	Male	116	0
Confirmed	0-9	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	10-19	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	30-39	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	40-49	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	50-59	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	60-69	American Indian/Alaska Native	Unknown	0	0

Confirmed	70-79	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	80+	American Indian/Alaska Native	Unknown	0	0
Confirmed	Unknown	American Indian/Alaska Native	Unknown	0	0
Confirmed	0-9	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	10-19	Asian/Pacific Islander	Unknown	8	0
Confirmed	20-29	Asian/Pacific Islander	Unknown	12	0
Confirmed	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	50-59	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	60-69	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	70-79	Asian/Pacific Islander	Unknown	0	0
Confirmed	80+	Asian/Pacific Islander	Unknown	0	0
Confirmed	Unknown	Asian/Pacific Islander	Unknown	0	0
Confirmed	0-9	Black/African American	Unknown	9	0
Confirmed	10-19	Black/African American	Unknown	28	0
Confirmed	20-29	Black/African American	Unknown	129	0
Confirmed	30-39	Black/African American	Unknown	117	0
Confirmed	40-49	Black/African American	Unknown	122	0
Confirmed	50-59	Black/African American	Unknown	97	0
Confirmed	60-69	Black/African American	Unknown	45	0
Confirmed	70-79	Black/African American	Unknown	11	0
Confirmed	80+	Black/African American	Unknown	Suppressed	0
Confirmed	Unknown	Black/African American	Unknown	Suppressed	0
Confirmed	0-9	Multiple Races	Unknown	14	0
Confirmed	10-19	Multiple Races	Unknown	23	0
Confirmed	20-29	Multiple Races	Unknown	29	0
Confirmed	30-39	Multiple Races	Unknown	21	0
Confirmed	40-49	Multiple Races	Unknown	21	0
Confirmed	50-59	Multiple Races	Unknown	11	0
Confirmed	60-69	Multiple Races	Unknown	15	0
Confirmed	70-79	Multiple Races	Unknown	6	0
Confirmed	80+	Multiple Races	Unknown	0	0
Confirmed	Unknown	Multiple Races	Unknown	Suppressed	0
Confirmed	0-9	Other	Unknown	35	0
Confirmed	10-19	Other	Unknown	60	0
Confirmed	20-29	Other	Unknown	88	0
Confirmed	30-39	Other	Unknown	83	0
Confirmed	40-49	Other	Unknown	98	0
Confirmed	50-59	Other	Unknown	59	0
Confirmed	60-69	Other	Unknown	32	0
Confirmed	70-79	Other	Unknown	10	0
Confirmed	80+	Other	Unknown	12	0
Confirmed	Unknown	Other	Unknown	Suppressed	0
Confirmed	0-9	Unknown	Unknown	167	0
Confirmed	10-19	Unknown	Unknown	461	0
Confirmed	20-29	Unknown	Unknown	725	0
Confirmed	30-39	Unknown	Unknown	543	0
Confirmed	40-49	Unknown	Unknown	523	0
Confirmed	50-59	Unknown	Unknown	466	0
Confirmed	60-69	Unknown	Unknown	259	0

Confirmed	70-79	Unknown	Unknown	115	Suppressed
Confirmed	80+	Unknown	Unknown	67	0
Confirmed	Unknown	Unknown	Unknown	72	0
Confirmed	0-9	White	Unknown	45	0
Confirmed	10-19	White	Unknown	204	0
Confirmed	20-29	White	Unknown	287	0
Confirmed	30-39	White	Unknown	256	0
Confirmed	40-49	White	Unknown	241	0
Confirmed	50-59	White	Unknown	201	0
Confirmed	60-69	White	Unknown	154	0
Confirmed	70-79	White	Unknown	62	0
Confirmed	80+	White	Unknown	29	0
Confirmed	Unknown	White	Unknown	Suppressed	0
Probable	0-9	American Indian/Alaska Native	Female	80	0
Probable	10-19	American Indian/Alaska Native	Female	146	0
Probable	20-29	American Indian/Alaska Native	Female	118	0
Probable	30-39	American Indian/Alaska Native	Female	115	0
Probable	40-49	American Indian/Alaska Native	Female	99	0
Probable	50-59	American Indian/Alaska Native	Female	65	0
Probable	60-69	American Indian/Alaska Native	Female	45	Suppressed
Probable	70-79	American Indian/Alaska Native	Female	21	Suppressed
Probable	80+	American Indian/Alaska Native	Female	10	6
Probable	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Female	55	0
Probable	10-19	Asian/Pacific Islander	Female	114	0
Probable	20-29	Asian/Pacific Islander	Female	174	0
Probable	30-39	Asian/Pacific Islander	Female	136	0
Probable	40-49	Asian/Pacific Islander	Female	119	0
Probable	50-59	Asian/Pacific Islander	Female	88	0
Probable	60-69	Asian/Pacific Islander	Female	47	Suppressed
Probable	70-79	Asian/Pacific Islander	Female	22	Suppressed
Probable	80+	Asian/Pacific Islander	Female	8	0
Probable	Unknown	Asian/Pacific Islander	Female	7	0
Probable	0-9	Black/African American	Female	359	0
Probable	10-19	Black/African American	Female	794	0
Probable	20-29	Black/African American	Female	1269	Suppressed
Probable	30-39	Black/African American	Female	1076	0
Probable	40-49	Black/African American	Female	791	6
Probable	50-59	Black/African American	Female	586	14
Probable	60-69	Black/African American	Female	379	23
Probable	70-79	Black/African American	Female	143	20
Probable	80+	Black/African American	Female	92	38
Probable	Unknown	Black/African American	Female	33	Suppressed
Probable	0-9	Multiple Races	Female	197	0
Probable	10-19	Multiple Races	Female	383	0
Probable	20-29	Multiple Races	Female	285	0
Probable	30-39	Multiple Races	Female	202	0
Probable	40-49	Multiple Races	Female	184	0
Probable	50-59	Multiple Races	Female	177	Suppressed
Probable	60-69	Multiple Races	Female	124	Suppressed

Probable	70-79	Multiple Races	Female	47	Suppressed
Probable	80+	Multiple Races	Female	32	6
Probable	Unknown	Multiple Races	Female	70	0
Probable	0-9	Other	Female	120	0
Probable	10-19	Other	Female	298	0
Probable	20-29	Other	Female	376	0
Probable	30-39	Other	Female	295	0
Probable	40-49	Other	Female	239	0
Probable	50-59	Other	Female	197	Suppressed
Probable	60-69	Other	Female	85	Suppressed
Probable	70-79	Other	Female	40	0
Probable	80+	Other	Female	15	Suppressed
Probable	Unknown	Other	Female	19	0
Probable	0-9	Unknown	Female	1114	0
Probable	10-19	Unknown	Female	2962	0
Probable	20-29	Unknown	Female	3577	0
Probable	30-39	Unknown	Female	2870	0
Probable	40-49	Unknown	Female	2762	0
Probable	50-59	Unknown	Female	2494	Suppressed
Probable	60-69	Unknown	Female	1571	6
Probable	70-79	Unknown	Female	640	Suppressed
Probable	80+	Unknown	Female	371	23
Probable	Unknown	Unknown	Female	1869	0
Probable	0-9	White	Female	2700	0
Probable	10-19	White	Female	6759	0
Probable	20-29	White	Female	6611	Suppressed
Probable	30-39	White	Female	5794	Suppressed
Probable	40-49	White	Female	5342	11
Probable	50-59	White	Female	4953	38
Probable	60-69	White	Female	3162	44
Probable	70-79	White	Female	1662	97
Probable	80+	White	Female	1635	332
Probable	Unknown	White	Female	478	Suppressed
Probable	0-9	American Indian/Alaska Native	Male	100	0
Probable	10-19	American Indian/Alaska Native	Male	163	0
Probable	20-29	American Indian/Alaska Native	Male	123	0
Probable	30-39	American Indian/Alaska Native	Male	88	0
Probable	40-49	American Indian/Alaska Native	Male	76	Suppressed
Probable	50-59	American Indian/Alaska Native	Male	63	Suppressed
Probable	60-69	American Indian/Alaska Native	Male	29	Suppressed
Probable	70-79	American Indian/Alaska Native	Male	13	Suppressed
Probable	80+	American Indian/Alaska Native	Male	8	Suppressed
Probable	Unknown	American Indian/Alaska Native	Male	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Male	69	0
Probable	10-19	Asian/Pacific Islander	Male	130	0
Probable	20-29	Asian/Pacific Islander	Male	191	0
Probable	30-39	Asian/Pacific Islander	Male	138	Suppressed
Probable	40-49	Asian/Pacific Islander	Male	100	0
Probable	50-59	Asian/Pacific Islander	Male	72	Suppressed
Probable	60-69	Asian/Pacific Islander	Male	29	Suppressed

Probable	70-79	Asian/Pacific Islander	Male	9	Suppressed
Probable	80+	Asian/Pacific Islander	Male	9	Suppressed
Probable	Unknown	Asian/Pacific Islander	Male	Suppressed	0
Probable	0-9	Black/African American	Male	369	0
Probable	10-19	Black/African American	Male	749	Suppressed
Probable	20-29	Black/African American	Male	970	Suppressed
Probable	30-39	Black/African American	Male	865	Suppressed
Probable	40-49	Black/African American	Male	651	11
Probable	50-59	Black/African American	Male	539	19
Probable	60-69	Black/African American	Male	304	32
Probable	70-79	Black/African American	Male	116	36
Probable	80+	Black/African American	Male	46	25
Probable	Unknown	Black/African American	Male	30	0
Probable	0-9	Multiple Races	Male	175	0
Probable	10-19	Multiple Races	Male	381	0
Probable	20-29	Multiple Races	Male	204	0
Probable	30-39	Multiple Races	Male	169	0
Probable	40-49	Multiple Races	Male	154	Suppressed
Probable	50-59	Multiple Races	Male	118	0
Probable	60-69	Multiple Races	Male	95	Suppressed
Probable	70-79	Multiple Races	Male	41	Suppressed
Probable	80+	Multiple Races	Male	19	7
Probable	Unknown	Multiple Races	Male	60	0
Probable	0-9	Other	Male	127	0
Probable	10-19	Other	Male	323	0
Probable	20-29	Other	Male	375	0
Probable	30-39	Other	Male	300	0
Probable	40-49	Other	Male	255	Suppressed
Probable	50-59	Other	Male	163	Suppressed
Probable	60-69	Other	Male	97	Suppressed
Probable	70-79	Other	Male	40	Suppressed
Probable	80+	Other	Male	10	Suppressed
Probable	Unknown	Other	Male	21	0
Probable	0-9	Unknown	Male	1150	0
Probable	10-19	Unknown	Male	2977	0
Probable	20-29	Unknown	Male	3408	0
Probable	30-39	Unknown	Male	2800	Suppressed
Probable	40-49	Unknown	Male	2494	Suppressed
Probable	50-59	Unknown	Male	2418	Suppressed
Probable	60-69	Unknown	Male	1351	6
Probable	70-79	Unknown	Male	518	10
Probable	80+	Unknown	Male	221	16
Probable	Unknown	Unknown	Male	1635	0
Probable	0-9	White	Male	2854	0
Probable	10-19	White	Male	6650	Suppressed
Probable	20-29	White	Male	5610	Suppressed
Probable	30-39	White	Male	4727	9
Probable	40-49	White	Male	4440	20
Probable	50-59	White	Male	4444	37
Probable	60-69	White	Male	2876	90

Probable	70-79	White	Male	1445	139
Probable	80+	White	Male	915	216
Probable	Unknown	White	Male	413	0
Probable	0-9	American Indian/Alaska Native	Unknown	0	0
Probable	10-19	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Unknown	0	0
Probable	40-49	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	60-69	American Indian/Alaska Native	Unknown	0	0
Probable	70-79	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	80+	American Indian/Alaska Native	Unknown	0	0
Probable	Unknown	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	10-19	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	20-29	Asian/Pacific Islander	Unknown	6	0
Probable	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	50-59	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	60-69	Asian/Pacific Islander	Unknown	0	0
Probable	70-79	Asian/Pacific Islander	Unknown	0	0
Probable	80+	Asian/Pacific Islander	Unknown	0	0
Probable	Unknown	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	0-9	Black/African American	Unknown	11	0
Probable	10-19	Black/African American	Unknown	17	0
Probable	20-29	Black/African American	Unknown	11	0
Probable	30-39	Black/African American	Unknown	Suppressed	0
Probable	40-49	Black/African American	Unknown	8	0
Probable	50-59	Black/African American	Unknown	6	0
Probable	60-69	Black/African American	Unknown	Suppressed	0
Probable	70-79	Black/African American	Unknown	Suppressed	0
Probable	80+	Black/African American	Unknown	0	0
Probable	Unknown	Black/African American	Unknown	7	0
Probable	0-9	Multiple Races	Unknown	11	0
Probable	10-19	Multiple Races	Unknown	35	0
Probable	20-29	Multiple Races	Unknown	20	0
Probable	30-39	Multiple Races	Unknown	21	0
Probable	40-49	Multiple Races	Unknown	15	0
Probable	50-59	Multiple Races	Unknown	10	0
Probable	60-69	Multiple Races	Unknown	Suppressed	0
Probable	70-79	Multiple Races	Unknown	Suppressed	0
Probable	80+	Multiple Races	Unknown	Suppressed	0
Probable	Unknown	Multiple Races	Unknown	19	0
Probable	0-9	Other	Unknown	17	0
Probable	10-19	Other	Unknown	49	0
Probable	20-29	Other	Unknown	48	0
Probable	30-39	Other	Unknown	52	0
Probable	40-49	Other	Unknown	38	0
Probable	50-59	Other	Unknown	28	0
Probable	60-69	Other	Unknown	24	0

Probable	70-79	Other	Unknown	11	0
Probable	80+	Other	Unknown	Suppressed	0
Probable	Unknown	Other	Unknown	15	0
Probable	0-9	Unknown	Unknown	350	0
Probable	10-19	Unknown	Unknown	797	0
Probable	20-29	Unknown	Unknown	928	0
Probable	30-39	Unknown	Unknown	772	0
Probable	40-49	Unknown	Unknown	777	0
Probable	50-59	Unknown	Unknown	630	0
Probable	60-69	Unknown	Unknown	359	0
Probable	70-79	Unknown	Unknown	153	0
Probable	80+	Unknown	Unknown	56	0
Probable	Unknown	Unknown	Unknown	2354	0
Probable	0-9	White	Unknown	78	0
Probable	10-19	White	Unknown	184	0
Probable	20-29	White	Unknown	101	Suppressed
Probable	30-39	White	Unknown	95	0
Probable	40-49	White	Unknown	100	0
Probable	50-59	White	Unknown	83	0
Probable	60-69	White	Unknown	43	0
Probable	70-79	White	Unknown	32	0
Probable	80+	White	Unknown	10	Suppressed
Probable	Unknown	White	Unknown	64	0

PUBLIC USE DATASETS

COVID-19 Tests by County

README

Data includes tests by type (diagnostic, serology or total combined) by county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Correctional includes state and federal prisons and county and city detection facilities.

Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

COVID-19 TESTS BY COUNTY 2021-10-20

Updated	COUNTY	TestType	Count	RatePerMillion
2021/10/20 13:16:50	Alcona	Diagnostic	10276	987602
2021/10/20 13:16:50	Alcona	Serology	224	21528
2021/10/20 13:16:50	Alcona	Total	10500	1009130
2021/10/20 13:16:50	Alger	Diagnostic	9755	1071036
2021/10/20 13:16:50	Alger	Serology	438	48090
2021/10/20 13:16:50	Alger	Total	10193	1119126
2021/10/20 13:16:50	Allegan	Serology	3608	30555
2021/10/20 13:16:50	Allegan	Diagnostic	148380	1256595
2021/10/20 13:16:50	Allegan	Total	151988	1287150
2021/10/20 13:16:50	Alpena	Diagnostic	30655	1079211
2021/10/20 13:16:50	Alpena	Serology	886	31192
2021/10/20 13:16:50	Alpena	Total	31541	1110403
2021/10/20 13:16:50	Antrim	Diagnostic	28044	1202367
2021/10/20 13:16:50	Antrim	Serology	932	39959
2021/10/20 13:16:50	Antrim	Total	28976	1242326
2021/10/20 13:16:50	Arenac	Diagnostic	22799	1531882
2021/10/20 13:16:50	Arenac	Serology	578	38836
2021/10/20 13:16:50	Arenac	Total	23377	1570718
2021/10/20 13:16:50	Baraga	Diagnostic	10444	1272262
2021/10/20 13:16:50	Baraga	Serology	66	8040
2021/10/20 13:16:50	Baraga	Total	10510	1280302
2021/10/20 13:16:50	Barry	Serology	2383	38716
2021/10/20 13:16:50	Barry	Diagnostic	74697	1213599
2021/10/20 13:16:50	Barry	Total	77080	1252315
2021/10/20 13:16:50	Bay	Diagnostic	159044	1542230
2021/10/20 13:16:50	Bay	Serology	7804	75674
2021/10/20 13:16:50	Bay	Total	166848	1617904
2021/10/20 13:16:50	Benzie	Diagnostic	16447	925757
2021/10/20 13:16:50	Benzie	Serology	832	46831
2021/10/20 13:16:50	Benzie	Total	17279	972588
2021/10/20 13:16:50	Berrien	Diagnostic	288474	1880522
2021/10/20 13:16:50	Berrien	Serology	7421	48376
2021/10/20 13:16:50	Berrien	Total	295895	1928899
2021/10/20 13:16:50	Branch	Diagnostic	56556	1299630
2021/10/20 13:16:50	Branch	Serology	783	17993
2021/10/20 13:16:50	Branch	Total	57339	1317623
2021/10/20 13:16:50	Calhoun	Serology	2131	15884
2021/10/20 13:16:50	Calhoun	Diagnostic	249331	1858474
2021/10/20 13:16:50	Calhoun	Total	251462	1874358
2021/10/20 13:16:50	Cass	Serology	963	18595
2021/10/20 13:16:50	Cass	Diagnostic	50485	974859
2021/10/20 13:16:50	Cass	Total	51448	993454
2021/10/20 13:16:50	Charlevoix	Diagnostic	28972	1108213
2021/10/20 13:16:50	Charlevoix	Serology	1242	47508
2021/10/20 13:16:50	Charlevoix	Total	30214	1155720
2021/10/20 13:16:50	Cheboygan	Diagnostic	22482	889460
2021/10/20 13:16:50	Cheboygan	Serology	731	28921

2021/10/20 13:16:50	Cheboygan	Total	23213	918381
2021/10/20 13:16:50	Chippewa	Diagnostic	38026	1018126
2021/10/20 13:16:50	Chippewa	Serology	473	12664
2021/10/20 13:16:50	Chippewa	Total	38499	1030791
2021/10/20 13:16:50	Clare	Diagnostic	33868	1094281
2021/10/20 13:16:50	Clare	Serology	1306	42197
2021/10/20 13:16:50	Clare	Total	35174	1136478
2021/10/20 13:16:50	Clinton	Serology	4932	61964
2021/10/20 13:16:50	Clinton	Diagnostic	73064	917947
2021/10/20 13:16:50	Clinton	Total	77996	979911
2021/10/20 13:16:50	Correctional	Diagnostic	1041168	
2021/10/20 13:16:50	Correctional	Serology	30442	
2021/10/20 13:16:50	Correctional	Total	1071610	
2021/10/20 13:16:50	Crawford	Serology	423	30152
2021/10/20 13:16:50	Crawford	Diagnostic	14052	1001639
2021/10/20 13:16:50	Crawford	Total	14475	1031791
2021/10/20 13:16:50	Delta	Serology	1061	29650
2021/10/20 13:16:50	Delta	Diagnostic	53319	1490023
2021/10/20 13:16:50	Delta	Total	54380	1519674
2021/10/20 13:16:50	Detroit City	Serology	32331	49755
2021/10/20 13:16:50	Detroit City	Diagnostic	1111777	1710942
2021/10/20 13:16:50	Detroit City	Total	1144108	1760697
2021/10/20 13:16:50	Dickinson	Diagnostic	25548	1012243
2021/10/20 13:16:50	Dickinson	Serology	210	8320
2021/10/20 13:16:50	Dickinson	Total	25758	1020563
2021/10/20 13:16:50	Eaton	Diagnostic	161865	1467924
2021/10/20 13:16:50	Eaton	Serology	7330	66474
2021/10/20 13:16:50	Eaton	Total	169195	1534398
2021/10/20 13:16:50	Emmet	Diagnostic	39860	1192877
2021/10/20 13:16:50	Emmet	Serology	1800	53868
2021/10/20 13:16:50	Emmet	Total	41660	1246745
2021/10/20 13:16:50	Genesee	Serology	24085	59350
2021/10/20 13:16:50	Genesee	Diagnostic	504718	1243721
2021/10/20 13:16:50	Genesee	Total	528803	1303071
2021/10/20 13:16:50	Gladwin	Diagnostic	28764	1130261
2021/10/20 13:16:50	Gladwin	Serology	1330	52261
2021/10/20 13:16:50	Gladwin	Total	30094	1182522
2021/10/20 13:16:50	Gogebic	Diagnostic	23410	1675134
2021/10/20 13:16:50	Gogebic	Serology	263	18819
2021/10/20 13:16:50	Gogebic	Total	23673	1693953
2021/10/20 13:16:50	Grand Traverse	Diagnostic	114186	1226646
2021/10/20 13:16:50	Grand Traverse	Serology	7311	78539
2021/10/20 13:16:50	Grand Traverse	Total	121497	1305184
2021/10/20 13:16:50	Gratiot	Diagnostic	71806	1763798
2021/10/20 13:16:50	Gratiot	Serology	1371	33676
2021/10/20 13:16:50	Gratiot	Total	73177	1797475
2021/10/20 13:16:50	Hillsdale	Serology	1360	29821
2021/10/20 13:16:50	Hillsdale	Diagnostic	58272	1277755
2021/10/20 13:16:50	Hillsdale	Total	59632	1307576
2021/10/20 13:16:50	Houghton	Diagnostic	57956	1624145

2021/10/20 13:16:50	Houghton	Serology	302	8463
2021/10/20 13:16:50	Houghton	Total	58258	1632608
2021/10/20 13:16:50	Huron	Diagnostic	35824	1156322
2021/10/20 13:16:50	Huron	Serology	1120	36151
2021/10/20 13:16:50	Huron	Total	36944	1192473
2021/10/20 13:16:50	Ingham	Diagnostic	436034	1491194
2021/10/20 13:16:50	Ingham	Serology	22320	76332
2021/10/20 13:16:50	Ingham	Total	458354	1567526
2021/10/20 13:16:50	Ionia	Serology	2829	43727
2021/10/20 13:16:50	Ionia	Diagnostic	98269	1518911
2021/10/20 13:16:50	Ionia	Total	101098	1562638
2021/10/20 13:16:50	Iosco	Diagnostic	35769	1423528
2021/10/20 13:16:50	Iosco	Serology	751	29888
2021/10/20 13:16:50	Iosco	Total	36520	1453417
2021/10/20 13:16:50	Iron	Diagnostic	28410	2567323
2021/10/20 13:16:50	Iron	Serology	138	12471
2021/10/20 13:16:50	Iron	Total	28548	2579794
2021/10/20 13:16:50	Isabella	Diagnostic	83190	1190606
2021/10/20 13:16:50	Isabella	Serology	1773	25375
2021/10/20 13:16:50	Isabella	Total	84963	1215981
2021/10/20 13:16:50	Jackson	Serology	4965	31323
2021/10/20 13:16:50	Jackson	Diagnostic	279813	1765270
2021/10/20 13:16:50	Jackson	Total	284778	1796593
2021/10/20 13:16:50	Kalamazoo	Serology	7641	28827
2021/10/20 13:16:50	Kalamazoo	Diagnostic	397181	1498423
2021/10/20 13:16:50	Kalamazoo	Total	404822	1527250
2021/10/20 13:16:50	Kalkaska	Diagnostic	22652	1255793
2021/10/20 13:16:50	Kalkaska	Serology	910	50449
2021/10/20 13:16:50	Kalkaska	Total	23562	1306242
2021/10/20 13:16:50	Kent	Diagnostic	1167624	1777327
2021/10/20 13:16:50	Kent	Serology	52684	80194
2021/10/20 13:16:50	Kent	Total	1220308	1857521
2021/10/20 13:16:50	Keweenaw	Diagnostic	2916	1378072
2021/10/20 13:16:50	Keweenaw	Serology	39	18431
2021/10/20 13:16:50	Keweenaw	Total	2955	1396503
2021/10/20 13:16:50	Lake	Diagnostic	14064	1186535
2021/10/20 13:16:50	Lake	Serology	273	23032
2021/10/20 13:16:50	Lake	Total	14337	1209567
2021/10/20 13:16:50	Lapeer	Diagnostic	88122	1005879
2021/10/20 13:16:50	Lapeer	Serology	4671	53318
2021/10/20 13:16:50	Lapeer	Total	92793	1059196
2021/10/20 13:16:50	Leelanau	Diagnostic	16374	752447
2021/10/20 13:16:50	Leelanau	Serology	1218	55972
2021/10/20 13:16:50	Leelanau	Total	17592	808419
2021/10/20 13:16:50	Lenawee	Serology	2929	29751
2021/10/20 13:16:50	Lenawee	Diagnostic	164326	1669115
2021/10/20 13:16:50	Lenawee	Total	167255	1698865
2021/10/20 13:16:50	Livingston	Serology	10041	52298
2021/10/20 13:16:50	Livingston	Diagnostic	270308	1407891
2021/10/20 13:16:50	Livingston	Total	280349	1460189

2021/10/20 13:16:50	Luce	Diagnostic	7837	1258147
2021/10/20 13:16:50	Luce	Serology	39	6261
2021/10/20 13:16:50	Luce	Total	7876	1264408
2021/10/20 13:16:50	Mackinac	Serology	196	18150
2021/10/20 13:16:50	Mackinac	Diagnostic	12290	1138068
2021/10/20 13:16:50	Mackinac	Total	12486	1156218
2021/10/20 13:16:50	Macomb	Diagnostic	1208673	1382965
2021/10/20 13:16:50	Macomb	Serology	77585	88773
2021/10/20 13:16:50	Macomb	Total	1286258	1471738
2021/10/20 13:16:50	Manistee	Serology	1076	43815
2021/10/20 13:16:50	Manistee	Diagnostic	25399	1034245
2021/10/20 13:16:50	Manistee	Total	26475	1078060
2021/10/20 13:16:50	Marquette	Diagnostic	154111	2310544
2021/10/20 13:16:50	Marquette	Serology	1631	24453
2021/10/20 13:16:50	Marquette	Total	155742	2334998
2021/10/20 13:16:50	Mason	Diagnostic	43712	1499863
2021/10/20 13:16:50	Mason	Serology	1243	42650
2021/10/20 13:16:50	Mason	Total	44955	1542513
2021/10/20 13:16:50	Mecosta	Serology	1249	28744
2021/10/20 13:16:50	Mecosta	Diagnostic	51362	1182013
2021/10/20 13:16:50	Mecosta	Total	52611	1210756
2021/10/20 13:16:50	Menominee	Diagnostic	32243	1415408
2021/10/20 13:16:50	Menominee	Serology	222	9745
2021/10/20 13:16:50	Menominee	Total	32465	1425154
2021/10/20 13:16:50	Midland	Serology	8110	97528
2021/10/20 13:16:50	Midland	Diagnostic	92959	1117887
2021/10/20 13:16:50	Midland	Total	101069	1215414
2021/10/20 13:16:50	Missaukee	Serology	748	49477
2021/10/20 13:16:50	Missaukee	Diagnostic	14189	938550
2021/10/20 13:16:50	Missaukee	Total	14937	988028
2021/10/20 13:16:50	Monroe	Serology	7351	48844
2021/10/20 13:16:50	Monroe	Diagnostic	200319	1331023
2021/10/20 13:16:50	Monroe	Total	207670	1379867
2021/10/20 13:16:50	Montcalm	Diagnostic	100190	1568213
2021/10/20 13:16:50	Montcalm	Serology	2940	46018
2021/10/20 13:16:50	Montcalm	Total	103130	1614231
2021/10/20 13:16:50	Montmorency	Diagnostic	11383	1220304
2021/10/20 13:16:50	Montmorency	Serology	473	50708
2021/10/20 13:16:50	Montmorency	Total	11856	1271012
2021/10/20 13:16:50	Muskegon	Serology	4590	26445
2021/10/20 13:16:50	Muskegon	Diagnostic	271990	1567070
2021/10/20 13:16:50	Muskegon	Total	276580	1593515
2021/10/20 13:16:50	Newaygo	Diagnostic	59278	1210249
2021/10/20 13:16:50	Newaygo	Serology	2116	43201
2021/10/20 13:16:50	Newaygo	Total	61394	1253450
2021/10/20 13:16:50	Oakland	Serology	138025	109754
2021/10/20 13:16:50	Oakland	Diagnostic	1890366	1503173
2021/10/20 13:16:50	Oakland	Total	2028391	1612927
2021/10/20 13:16:50	Oceana	Diagnostic	44886	1695923
2021/10/20 13:16:50	Oceana	Serology	1114	42090

2021/10/20 13:16:50	Oceana	Total	46000	1738013
2021/10/20 13:16:50	Ogemaw	Diagnostic	25722	1225032
2021/10/20 13:16:50	Ogemaw	Serology	689	32814
2021/10/20 13:16:50	Ogemaw	Total	26411	1257846
2021/10/20 13:16:50	Ontonagon	Diagnostic	9486	1658392
2021/10/20 13:16:50	Ontonagon	Serology	72	12587
2021/10/20 13:16:50	Ontonagon	Total	9558	1670979
2021/10/20 13:16:50	Osceola	Serology	1348	57460
2021/10/20 13:16:50	Osceola	Diagnostic	32846	1400085
2021/10/20 13:16:50	Osceola	Total	34194	1457545
2021/10/20 13:16:50	Oscoda	Diagnostic	7361	893217
2021/10/20 13:16:50	Oscoda	Serology	407	49387
2021/10/20 13:16:50	Oscoda	Total	7768	942604
2021/10/20 13:16:50	Otsego	Diagnostic	30939	1254216
2021/10/20 13:16:50	Otsego	Serology	1239	50227
2021/10/20 13:16:50	Otsego	Total	32178	1304443
2021/10/20 13:16:50	Ottawa	Diagnostic	480943	1648025
2021/10/20 13:16:50	Ottawa	Serology	17524	60049
2021/10/20 13:16:50	Ottawa	Total	498467	1708073
2021/10/20 13:16:50	Presque Isle	Serology	630	50032
2021/10/20 13:16:50	Presque Isle	Diagnostic	13831	1098396
2021/10/20 13:16:50	Presque Isle	Total	14461	1148428
2021/10/20 13:16:50	Roscommon	Diagnostic	26894	1119697
2021/10/20 13:16:50	Roscommon	Serology	858	35722
2021/10/20 13:16:50	Roscommon	Total	27752	1155419
2021/10/20 13:16:50	Saginaw	Serology	10676	56031
2021/10/20 13:16:50	Saginaw	Diagnostic	312098	1637974
2021/10/20 13:16:50	Saginaw	Total	322774	1694005
2021/10/20 13:16:50	Sanilac	Diagnostic	59255	1439276
2021/10/20 13:16:50	Sanilac	Serology	1835	44571
2021/10/20 13:16:50	Sanilac	Total	61090	1483847
2021/10/20 13:16:50	Schoolcraft	Diagnostic	6863	847912
2021/10/20 13:16:50	Schoolcraft	Serology	69	8525
2021/10/20 13:16:50	Schoolcraft	Total	6932	856437
2021/10/20 13:16:50	Shiawassee	Serology	3147	46197
2021/10/20 13:16:50	Shiawassee	Diagnostic	91621	1344955
2021/10/20 13:16:50	Shiawassee	Total	94768	1391151
2021/10/20 13:16:50	St Clair	Serology	10550	66299
2021/10/20 13:16:50	St Clair	Diagnostic	190003	1194026
2021/10/20 13:16:50	St Clair	Total	200553	1260325
2021/10/20 13:16:50	St Joseph	Diagnostic	72478	1188866
2021/10/20 13:16:50	St Joseph	Serology	1961	32167
2021/10/20 13:16:50	St Joseph	Total	74439	1221032
2021/10/20 13:16:50	Tuscola	Diagnostic	77386	1481214
2021/10/20 13:16:50	Tuscola	Serology	2644	50608
2021/10/20 13:16:50	Tuscola	Total	80030	1531821
2021/10/20 13:16:50	Unknown	Diagnostic	645947	
2021/10/20 13:16:50	Unknown	Serology	31823	
2021/10/20 13:16:50	Unknown	Total	677770	
2021/10/20 13:16:50	Van Buren	Diagnostic	119331	1576846

2021/10/20 13:16:50	Van Buren	Serology	1955	25833
2021/10/20 13:16:50	Van Buren	Total	121286	1602680
2021/10/20 13:16:50	Washtenaw	Diagnostic	955350	2598878
2021/10/20 13:16:50	Washtenaw	Serology	20237	55052
2021/10/20 13:16:50	Washtenaw	Total	975587	2653929
2021/10/20 13:16:50	Wayne	Diagnostic	1851013	1676928
2021/10/20 13:16:50	Wayne	Serology	92257	83580
2021/10/20 13:16:50	Wayne	Total	1943270	1760508
2021/10/20 13:16:50	Wexford	Diagnostic	40412	1201629
2021/10/20 13:16:50	Wexford	Serology	1445	42966
2021/10/20 13:16:50	Wexford	Total	41857	1244596

PUBLIC USE DATASETS

Diagnostic Tests by Result and County

README

Data include diagnostic tests for COVID-19 by date and county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Correctional includes state and federal prisons and county and city detection facilities.

Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

The total number of positive tests may exceed the number of confirmed cases due to 1) a single individual may have more than one test performed; 2) MDHHS may receive data on positive tests in advance of a local health department classifying an individual as a confirmed or probable case, and 3) although efforts have been made to de-duplicate testing data, some duplication may occur.

DIAGNOSTIC TESTS BY RESULT AND COUNTY 2021-10-20

MessageDate	COUNTY	Negative	Positive	Total
10/19/2021	Alcona	30	8	38
10/19/2021	Alger	11	0	11
10/19/2021	Allegan	277	67	344
10/19/2021	Alpena	66	22	88
10/19/2021	Antrim	49	8	57
10/19/2021	Arenac	61	17	78
10/19/2021	Baraga	7	5	12
10/19/2021	Barry	160	26	186
10/19/2021	Bay	394	75	469
10/19/2021	Benzie	32	0	32
10/19/2021	Berrien	331	39	370
10/19/2021	Branch	154	21	175
10/19/2021	Calhoun	494	44	538
10/19/2021	Cass	60	15	75
10/19/2021	Charlevoix	53	12	65
10/19/2021	Cheboygan	67	20	87
10/19/2021	Chippewa	60	2	62
10/19/2021	Clare	76	39	115
10/19/2021	Clinton	119	20	139
10/19/2021	Correctional	246	6	252
10/19/2021	Crawford	35	12	47
10/19/2021	Delta	108	21	129
10/19/2021	Detroit City	3462	130	3592
10/19/2021	Dickinson	59	7	66
10/19/2021	Eaton	292	49	341
10/19/2021	Emmet	81	24	105
10/19/2021	Genesee	886	193	1079
10/19/2021	Gladwin	91	20	111
10/19/2021	Gogebic	52	7	59
10/19/2021	Grand Traverse	196	27	223
10/19/2021	Gratiot	138	24	162
10/19/2021	Hillsdale	106	24	130
10/19/2021	Houghton	173	40	213
10/19/2021	Huron	71	23	94
10/19/2021	Ingham	838	77	915
10/19/2021	Ionia	214	53	267
10/19/2021	Iosco	72	19	91
10/19/2021	Iron	43	5	48
10/19/2021	Isabella	306	47	353
10/19/2021	Jackson	474	85	559
10/19/2021	Kalamazoo	785	97	882
10/19/2021	Kalkaska	53	11	64
10/19/2021	Kent	2126	453	2579
10/19/2021	Keweenaw	11	2	13
10/19/2021	Lake	8	5	13
10/19/2021	Lapeer	162	33	195
10/19/2021	Leelanau	24	2	26

10/19/2021	Lenawee	221	63	284
10/19/2021	Livingston	520	90	610
10/19/2021	Luce	8	7	15
10/19/2021	Mackinac	22	1	23
10/19/2021	Macomb	2303	319	2622
10/19/2021	Manistee	61	11	72
10/19/2021	Marquette	253	39	292
10/19/2021	Mason	116	18	134
10/19/2021	Mecosta	110	33	143
10/19/2021	Menominee	74	8	82
10/19/2021	Midland	248	34	282
10/19/2021	Missaukee	19	0	19
10/19/2021	Monroe	319	56	375
10/19/2021	Montcalm	207	71	278
10/19/2021	Montmorency	26	6	32
10/19/2021	Muskegon	506	92	598
10/19/2021	Newaygo	112	33	145
10/19/2021	Oakland	3783	314	4097
10/19/2021	Oceana	83	22	105
10/19/2021	Ogemaw	83	28	111
10/19/2021	Ontonagon	9	1	10
10/19/2021	Osceola	77	23	100
10/19/2021	Oscoda	19	6	25
10/19/2021	Otsego	94	20	114
10/19/2021	Ottawa	827	154	981
10/19/2021	Presque Isle	22	9	31
10/19/2021	Roscommon	82	13	95
10/19/2021	Saginaw	501	94	595
10/19/2021	Sanilac	55	8	63
10/19/2021	Schoolcraft	4	2	6
10/19/2021	Shiawassee	177	29	206
10/19/2021	St Clair	287	38	325
10/19/2021	St Joseph	92	27	119
10/19/2021	Tuscola	149	36	185
10/19/2021	Unknown	620	359	979
10/19/2021	Van Buren	192	28	220
10/19/2021	Washtenaw	1300	66	1366
10/19/2021	Wayne	3680	381	4061
10/19/2021	Wexford	77	19	96
10/18/2021	Alcona	13	2	15
10/18/2021	Alger	2	1	3
10/18/2021	Allegan	245	48	293
10/18/2021	Alpena	41	6	47
10/18/2021	Antrim	26	2	28
10/18/2021	Arenac	29	11	40
10/18/2021	Baraga	38	0	38
10/18/2021	Barry	112	19	131
10/18/2021	Bay	243	53	296
10/18/2021	Benzie	19	1	20
10/18/2021	Berrien	218	30	248

10/18/2021	Branch	54	10	64
10/18/2021	Calhoun	286	43	329
10/18/2021	Cass	78	13	91
10/18/2021	Charlevoix	20	6	26
10/18/2021	Cheboygan	23	5	28
10/18/2021	Chippewa	45	6	51
10/18/2021	Clare	53	15	68
10/18/2021	Clinton	80	11	91
10/18/2021	Correctional	76	2	78
10/18/2021	Crawford	19	2	21
10/18/2021	Delta	73	19	92
10/18/2021	Detroit City	1194	115	1309
10/18/2021	Dickinson	61	12	73
10/18/2021	Eaton	198	34	232
10/18/2021	Emmet	45	4	49
10/18/2021	Genesee	586	140	726
10/18/2021	Gladwin	66	12	78
10/18/2021	Gogebic	19	1	20
10/18/2021	Grand Traverse	164	26	190
10/18/2021	Gratiot	81	21	102
10/18/2021	Hillsdale	89	29	118
10/18/2021	Houghton	74	12	86
10/18/2021	Huron	31	9	40
10/18/2021	Ingham	492	64	556
10/18/2021	Ionia	118	25	143
10/18/2021	Iosco	59	15	74
10/18/2021	Iron	29	8	37
10/18/2021	Isabella	93	25	118
10/18/2021	Jackson	267	59	326
10/18/2021	Kalamazoo	767	92	859
10/18/2021	Kalkaska	38	6	44
10/18/2021	Kent	1989	360	2349
10/18/2021	Keweenaw	11	1	12
10/18/2021	Lake	16	3	19
10/18/2021	Lapeer	151	38	189
10/18/2021	Leelanau	16	2	18
10/18/2021	Lenawee	238	68	306
10/18/2021	Livingston	415	90	505
10/18/2021	Luce	9	3	12
10/18/2021	Mackinac	36	5	41
10/18/2021	Macomb	1524	250	1774
10/18/2021	Manistee	38	15	53
10/18/2021	Marquette	150	28	178
10/18/2021	Mason	69	8	77
10/18/2021	Mecosta	62	14	76
10/18/2021	Menominee	48	12	60
10/18/2021	Midland	220	31	251
10/18/2021	Missaukee	9	2	11
10/18/2021	Monroe	324	54	378
10/18/2021	Montcalm	144	24	168

10/18/2021	Montmorency	9	5	14
10/18/2021	Muskegon	536	89	625
10/18/2021	Newaygo	70	11	81
10/18/2021	Oakland	2561	253	2814
10/18/2021	Oceana	64	7	71
10/18/2021	Ogemaw	53	15	68
10/18/2021	Ontonagon	18	0	18
10/18/2021	Osceola	29	21	50
10/18/2021	Oscoda	7	3	10
10/18/2021	Otsego	56	7	63
10/18/2021	Ottawa	577	89	666
10/18/2021	Presque Isle	14	4	18
10/18/2021	Roscommon	67	23	90
10/18/2021	Saginaw	364	69	433
10/18/2021	Sanilac	58	9	67
10/18/2021	Schoolcraft	1	0	1
10/18/2021	Shiawassee	88	23	111
10/18/2021	St Clair	288	34	322
10/18/2021	St Joseph	93	34	127
10/18/2021	Tuscola	95	23	118
10/18/2021	Unknown	464	48	512
10/18/2021	Van Buren	201	41	242
10/18/2021	Washtenaw	1341	96	1437
10/18/2021	Wayne	2801	348	3149
10/18/2021	Wexford	46	12	58